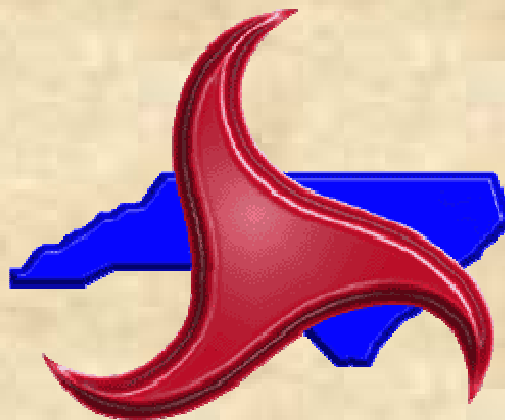


# Trip Generation Software Training



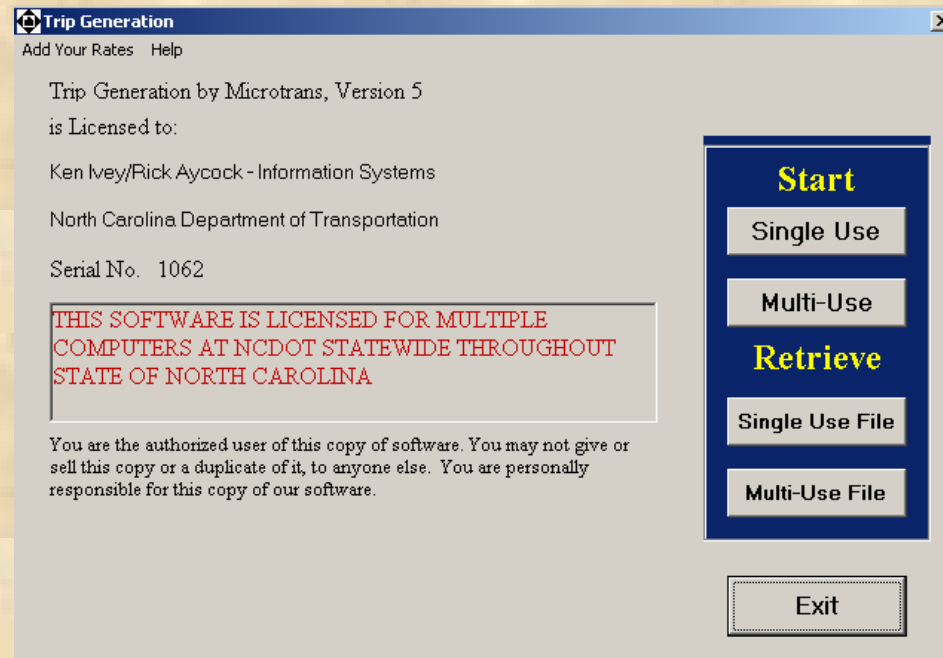
Prepared by NCDOT  
Traffic Engineering & Safety System Branch  
Access Management Group

## Step 1.

Open the program by double clicking on the icon on your desktop. If you do not have an icon set-up on your computer's desktop, please seek support from Computer Support (HELP Desk).

## Step 2.

You will be prompted to start a new file or retrieve an old file. It will be best to always start a new file. To begin a new trip generation calculation, click the **Multi-Use** button under **Start**.



## Step 3.

The next window will allow you to enter the necessary data. Such as the:

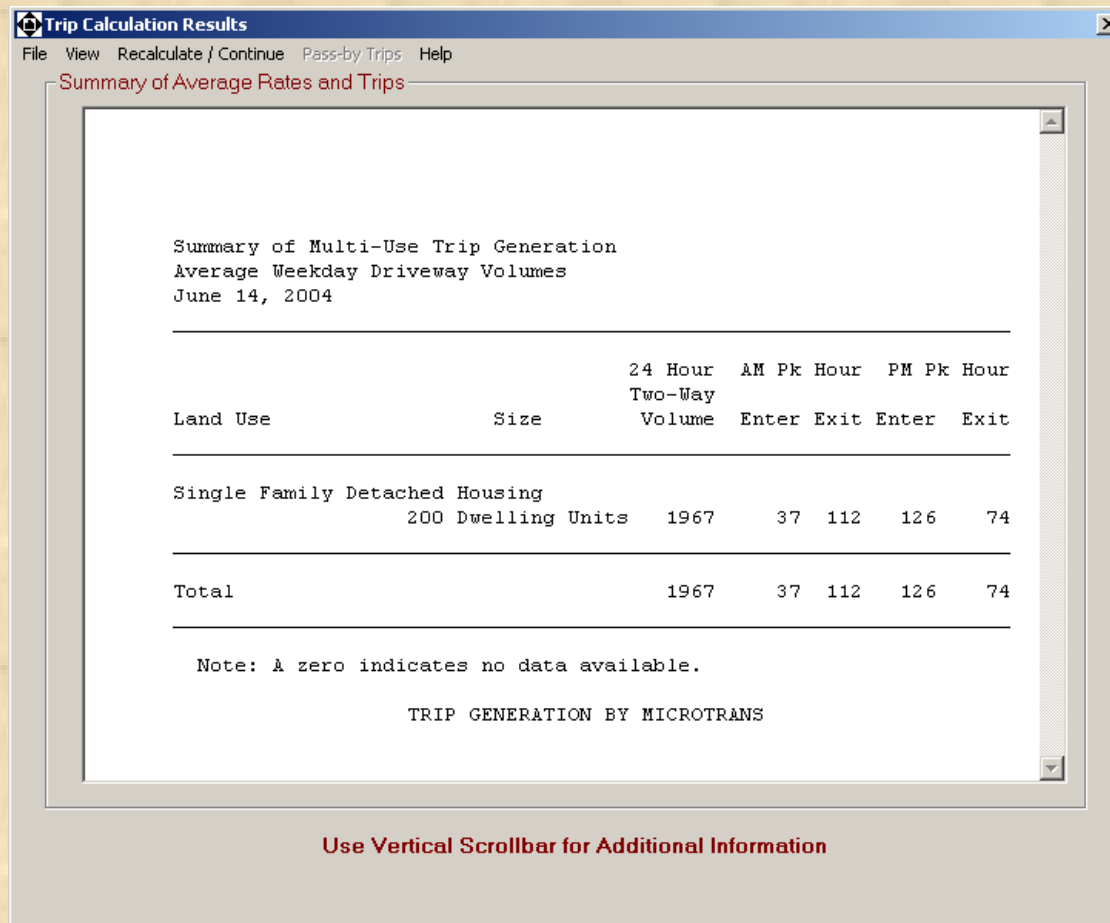
- Project Title
- Land Use Category
- Land Use Type
- Input Variable
- Variable Size
- Calculation Method

The screenshot shows a software window titled "Land Use" with the following components:

- 1. Enter Project Name:** A text input field at the top.
- 2. Select Land Use Category:** A list box containing "Port and Terminal", "Industrial / Agricultural", "Residential" (highlighted), "Lodging", "Recreation", "Institutional", "Medical", "Office", "Retail", and "Services".
- 3. Select Land Use:** A list box showing "210 Single Family Detached housing" (highlighted), "220 Apartments", "221 Low-Rise Apartment", "223 Mid-Rise Apartment", "222 High-Rise Apartment", "224 Rental Townhouse", "230 Residential Condominium / Townhouse", "231 Low-Rise Residential Condo / Townhouse", "232 High-Rise Residential Condo / Townhouse", and "233 Luxury Residential Condo / Townhouse".
- 4. Select Variable:** A list box containing "Dwelling Units" (highlighted), "Persons", "Vehicles", and "Acres".
- 5. Enter Number of Dwelling Units:** A text input field containing the value "200".
- 6. Calculation:** A row of five buttons: "Exit", "Your Rates", "Adjustment", "Equations", and "ITE Rates".

# Step 4

Once a method is chosen, a new window will display the output corresponding to the evaluated trip generation.



## Step 5.

To add additional land uses to the calculations (developments with more than one land use), select **Recalculate/Continue** from the top menu bar and scroll down to select **Select Next Land Use**. At this point, enter the data from Step 3 as many times as necessary to calculate all land uses.

## Step 6.

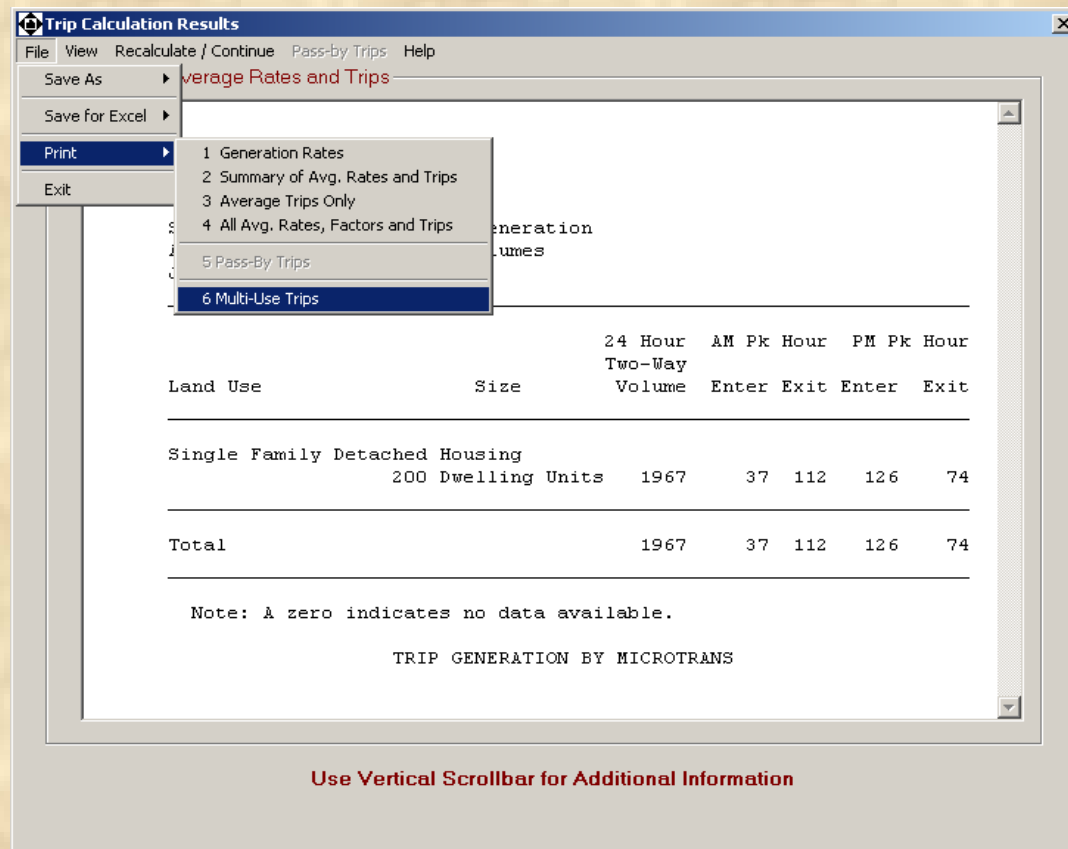
If anything needs to be changed about a previously evaluated land use, you select **Recalculate/Continue** from the top menu bar and scroll down to **Change Previous Land Use**. Then, click on the land use to re-evaluate and click **OK**. Again, enter the data from Step 3 as many times as necessary to calculate all land uses.

## Step 7.

After all land uses have been calculated, a print out should be made of the trip generation.

## Step 8.

Select **File** from the top menu bar and scroll down to the word **Print**. A new menu will be displayed with 5 options. To print the most appropriate output, select **Multi-use Trips**.





## Step 9.

To exit the Trip Generation program, select **File** from the top menu bar and select **Exit**. When prompted to end your Trip Generation Session, choose **OK**